

**In the Abstract**

Please delete the Abstract as presented in the underlying International Application No. PCT/EP2003/014150 and replace it with the following new Abstract:

**ABSTRACT**

The invention relates to an axial piston machine, in particular, an air-conditioning compressor for motor vehicles, with at least one piston, an essentially cylindrical piston shaft and an enclosure, which encloses a tilt ring or a tilt disc and a piston slipper sliding on said tilt ring or said tilt disc, whereby the enclosure has spherical recesses for housing the piston slipper.